₩. **52L** 

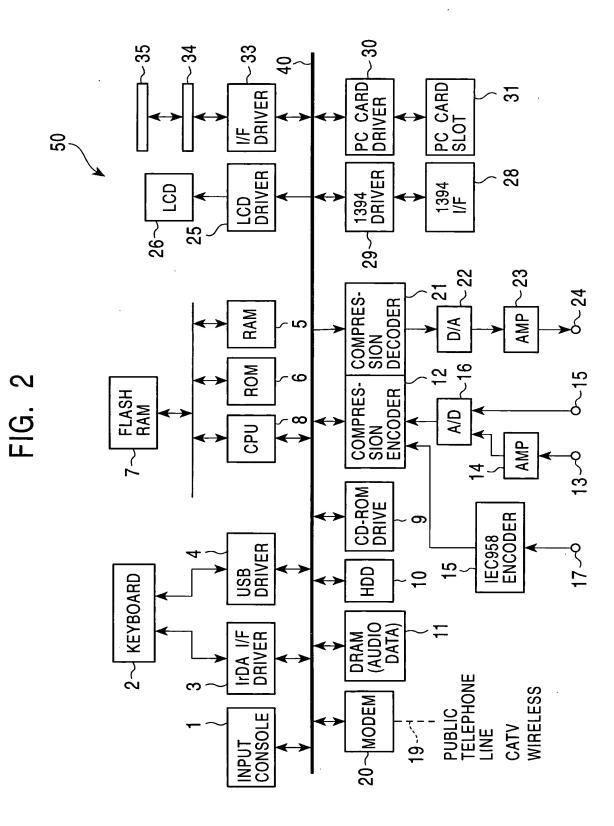


FIG. 3

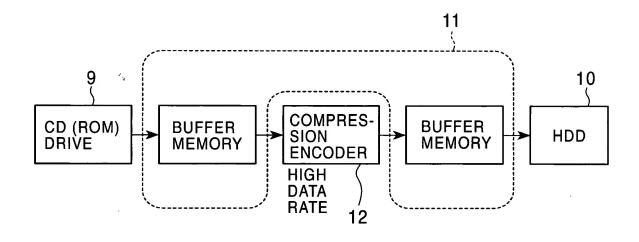


FIG. 4

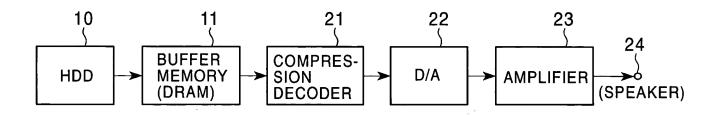
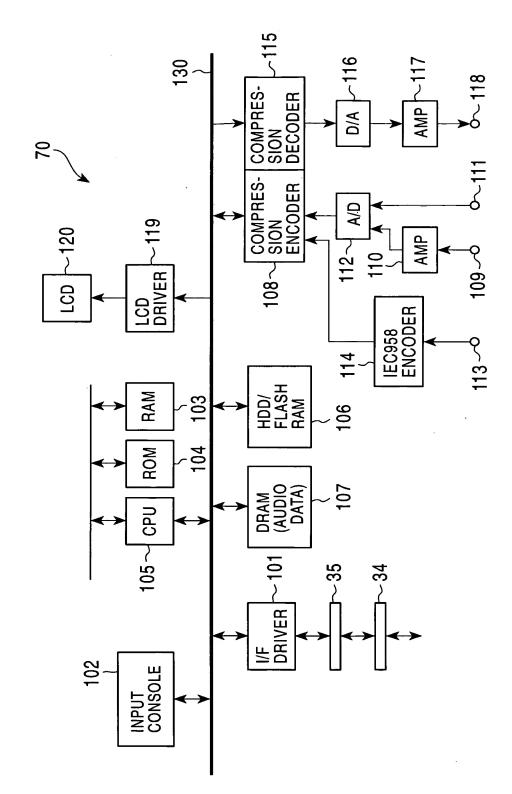


FIG. 5



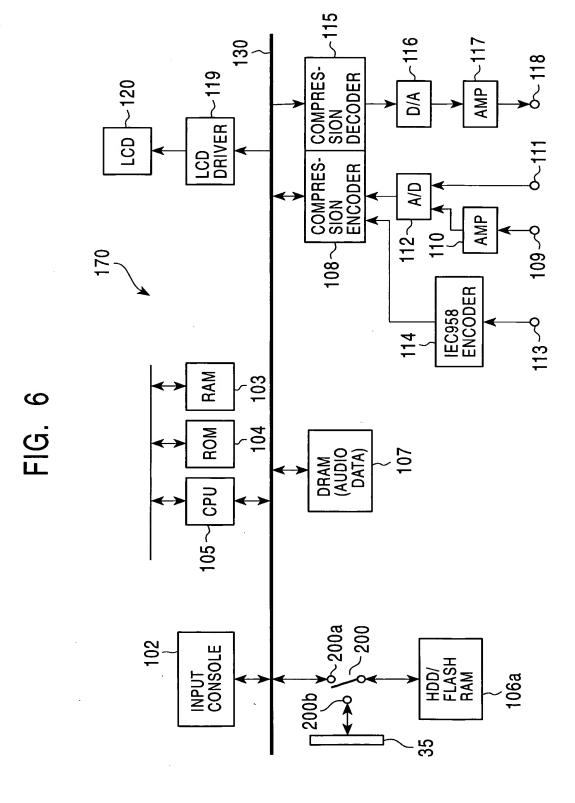


FIG. 7

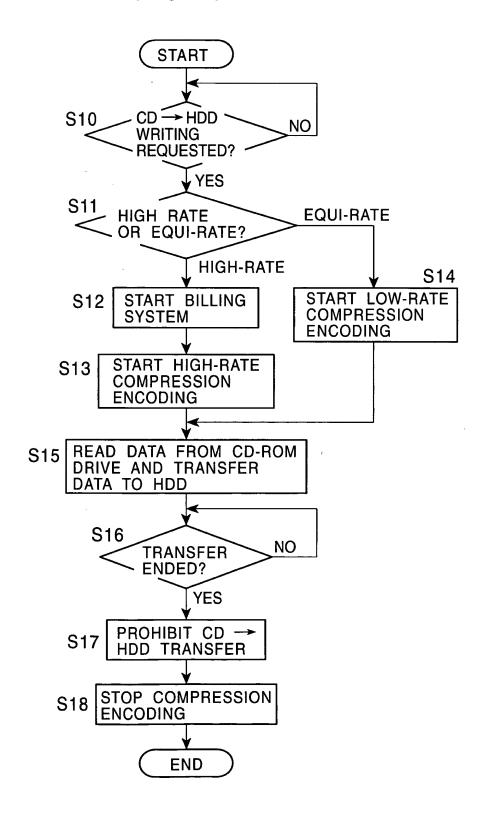


FIG. 8

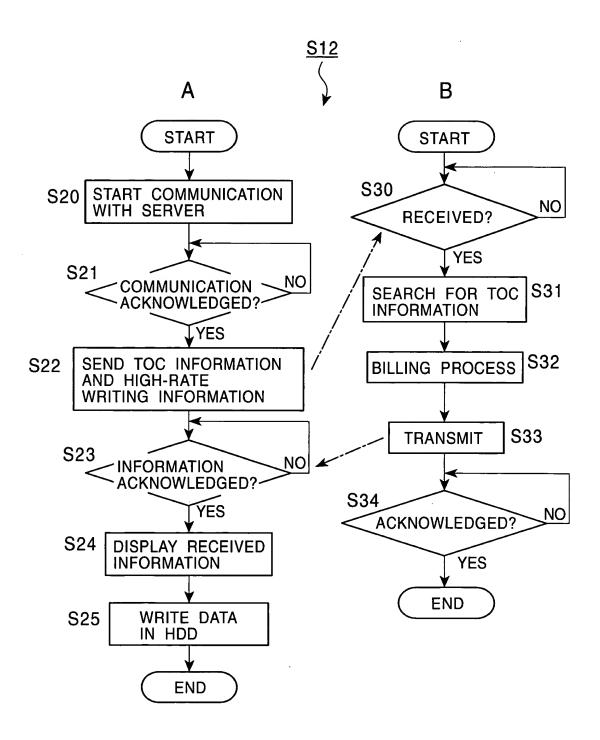


FIG. 9

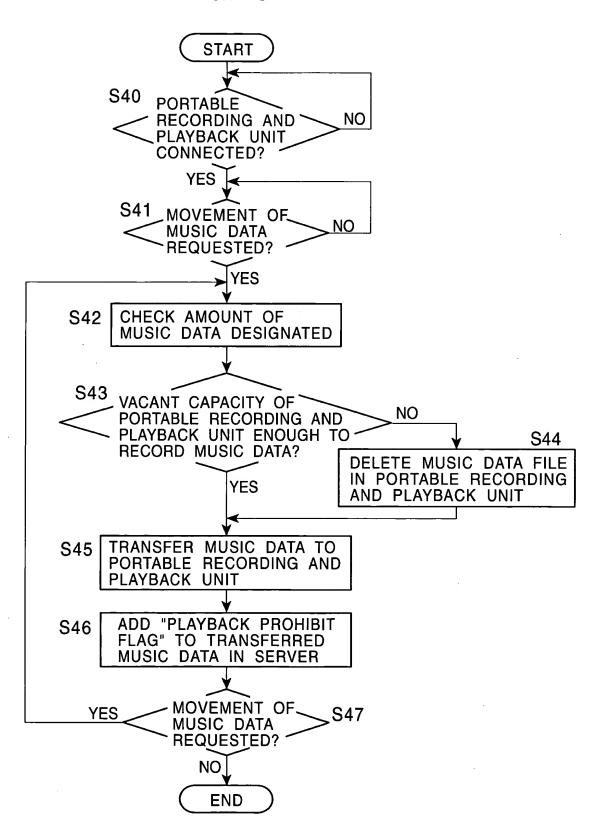


FIG. 10

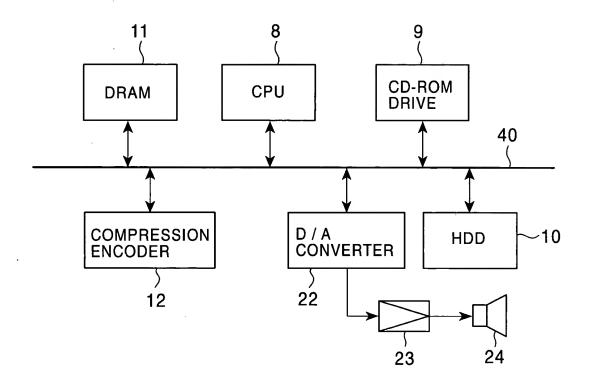


FIG. 11

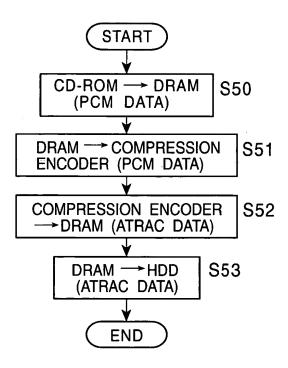
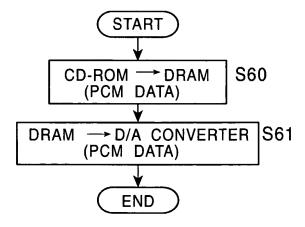
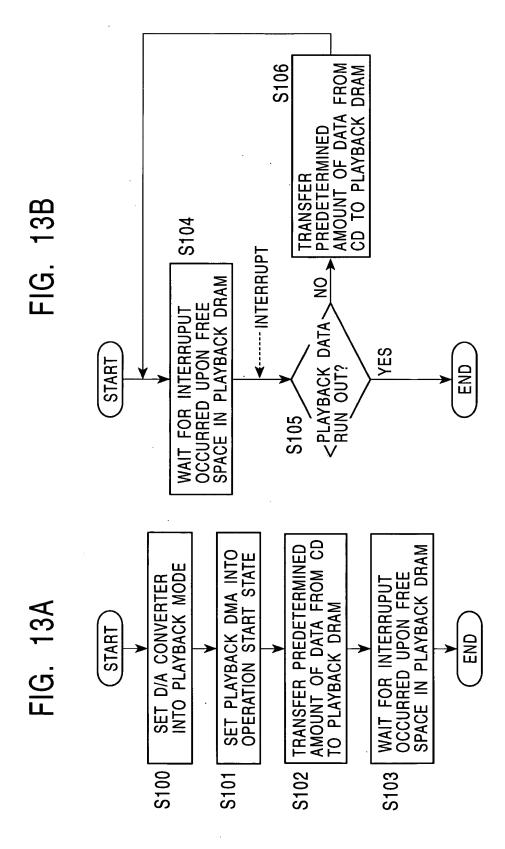


FIG. 12





**S117** AMOUNT OF DATA **PREDETERMINED** WRITING DRAM FROM CD TO **FRANSFER S118 S115** SET COMPRESSION ENCODER INTO OPERATION END STATE 9 SPACE IN WRITING DRAM OCCURRED UPON FREE FOR INTERRUPUT WRITE DATA > RUN OUT? > YES START END **S116** INTO OPERATION START STATE START STATE FOR TRANSFER FROM DRAM FOR COMPRESSION. SET DMA INTO OPERATION START STATE FOR TRANSFER FROM WRITING DRAM TO COMPRESSION ENCODER AMOUNT OF DATA FROM CD TO WRITING DRAM **IRANSFER PREDETERMINED** WAIT FOR INTERRUPUT OCCURRED UPON FREE SPACE IN WRITING DRAM COMPRESSION ENCODER SET DMA INTO OPERATION ENCODED DATA TO HDD START END SET S110 **S112 S113 S114** S111

FIG. 15

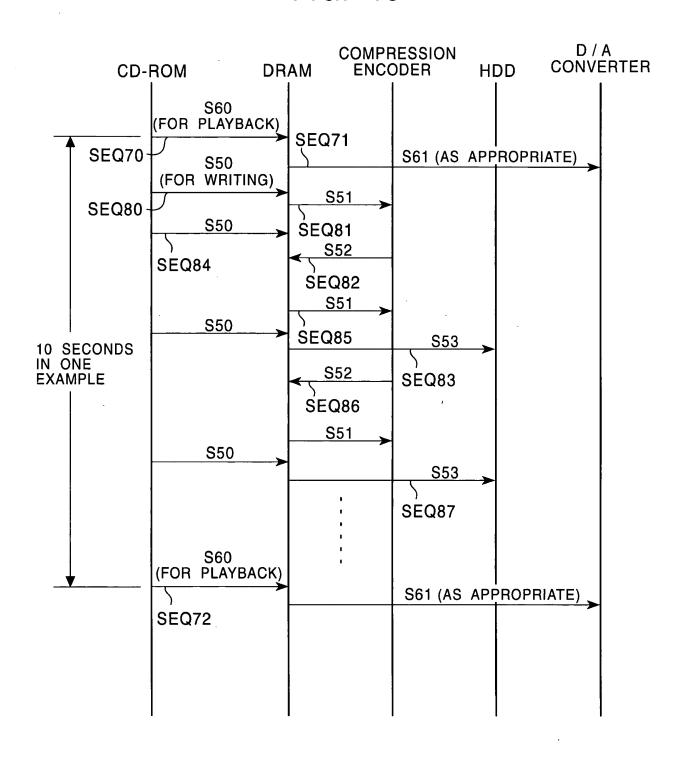


FIG. 16

						ATA	요	NE	PIEC	й   <u>о</u>	F M	SIC	DATA OF ONE PIECE OF MUSIC (52 SECONDS)	ECO	NDS)		:		
⋖	READ FOR PLAYBACK		Ξ				(12)	+		(20)			(21)	=	+		(22)		(23)
В	READ FOR WRITING	(2)	(3)	(4)	(9) (9)	(9)	(2)	(8)	(6)	(10)	(11)	(12)	(7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19)	(14)	(15)	(16)	(71)	(18)	(19)

TWO SECONDS (21) FIG. 17 (20) × Ω

FIG. 18

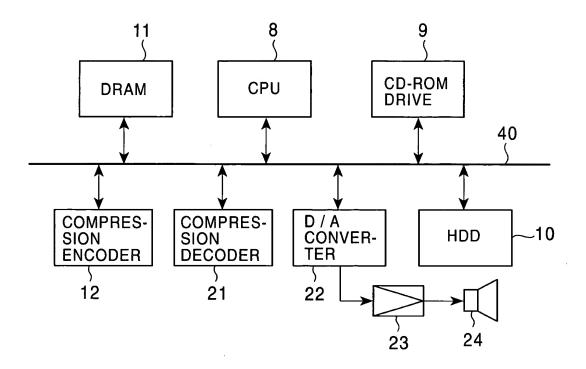


FIG. 19

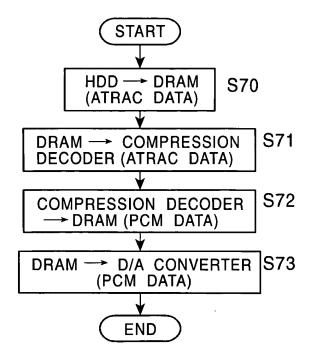


FIG. 20

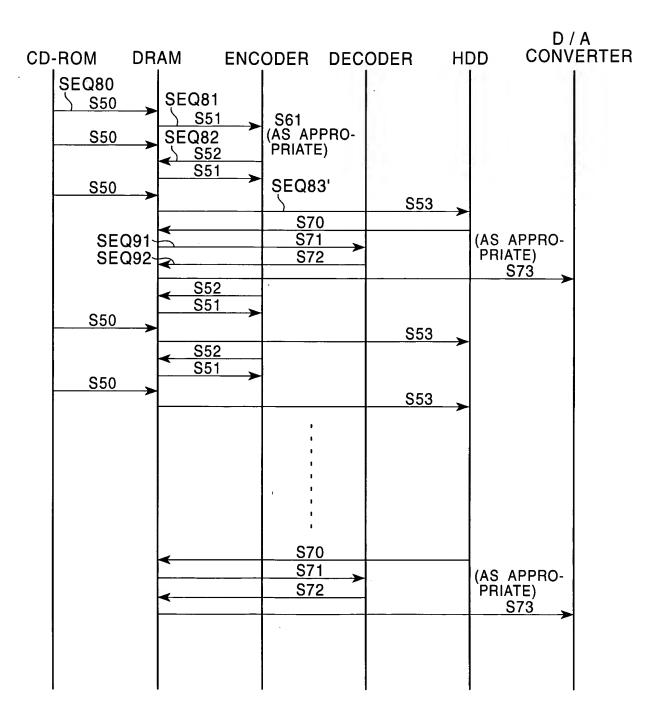


FIG. 21

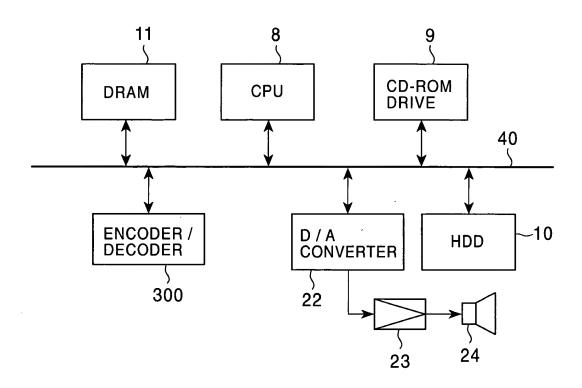


FIG. 22

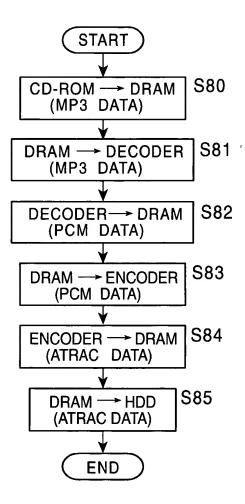


FIG. 23

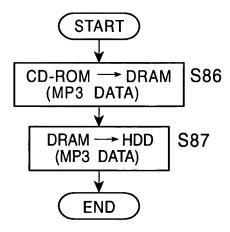


FIG. 24

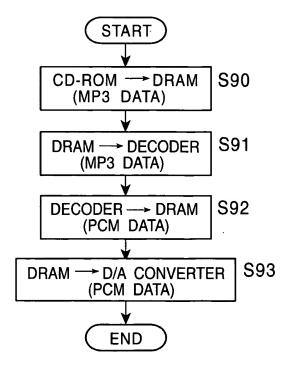
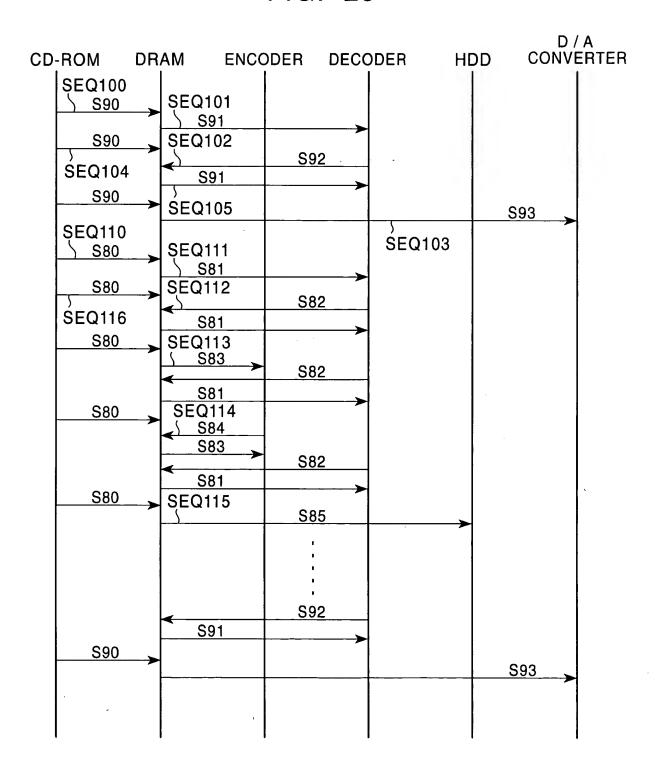
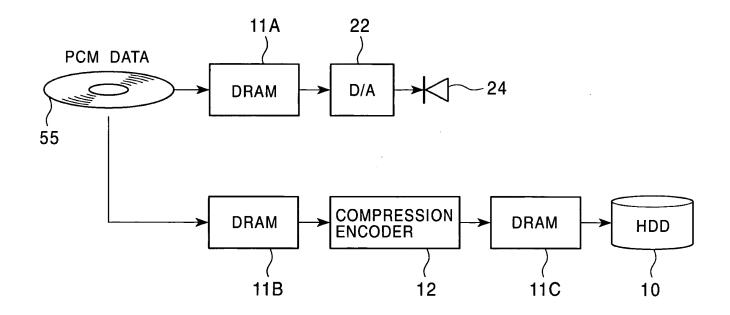


FIG. 25



COCOFUL " LESCO

FIG. 26



면 9 D/A 22 401D 401B DRAM DRAM COMPRESSION ENCODER COMPRESSION DECODER FIG. 27 4 2 401C 401A DRAM DRAM PCM DATA 55

DIGITAL OUTPUT

HDD

9

402C

12

402B

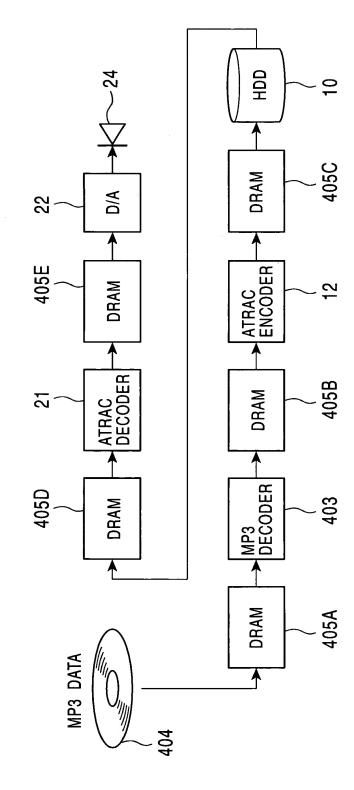
403

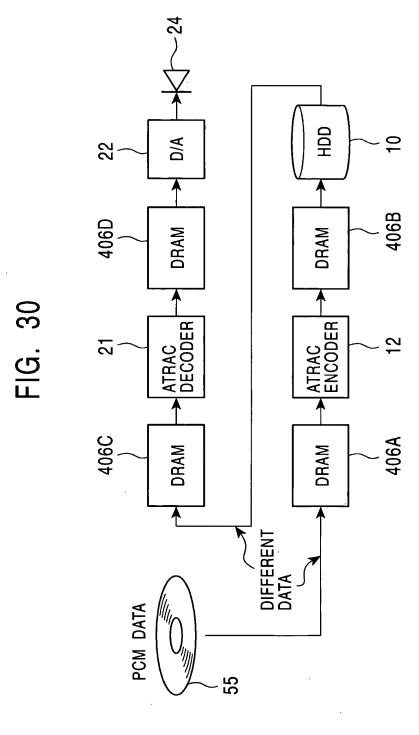
402A

DRAM ATRAC ENCODER D/A 22 FIG. 28 DRAM MP3 DECODER DRAM MP3 DATA

404

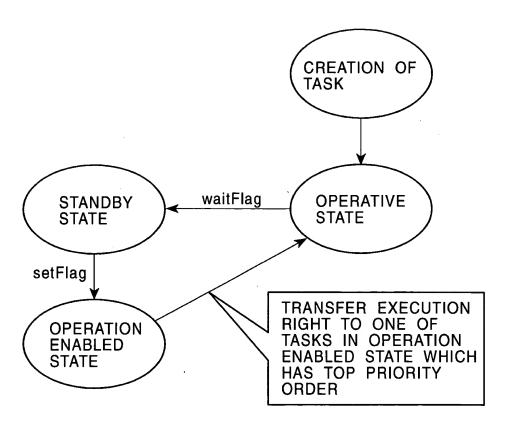
FIG. 29





DIGITAL OUTPUT IEEE1394 유 9 DRAM 421B D/A 22 423E| 423F → 423D | 423B | 423A 426 FIG. 31 427 425 ATRAC ENC/DEC MP3 ENC/DEC AAC ENC/DEC 422E | 422F 422D 422C 422A 422B 421A 421C CONTROLLER DRAM DRAM PCM,MP3 ATRAC, AAC (DISC, MEMORY, LINE INPUT, ETC.) 428 420

FIG. 32



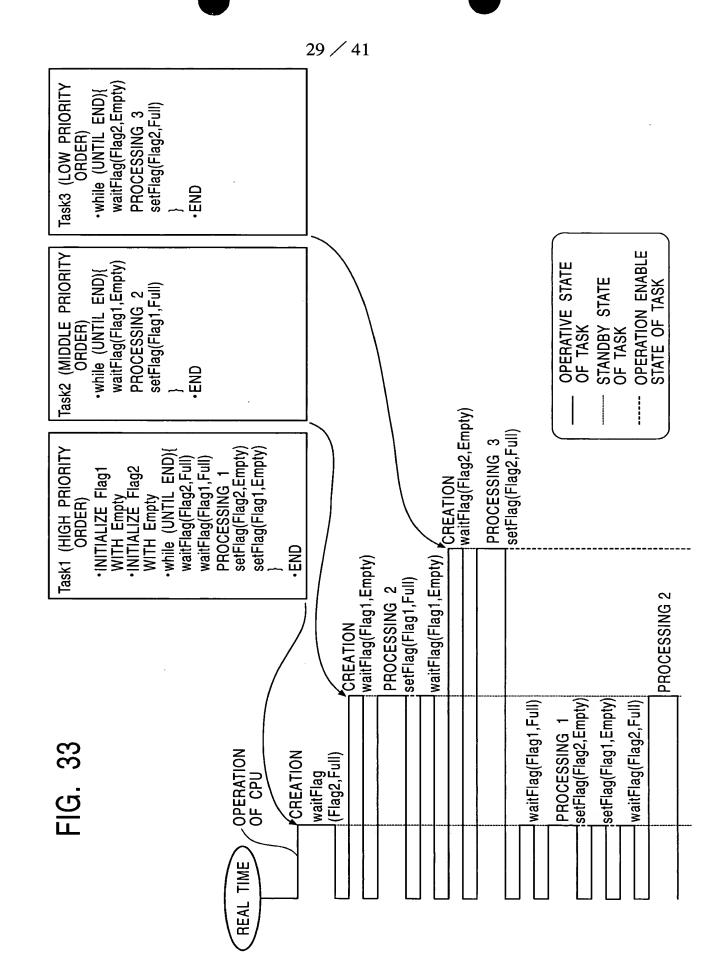
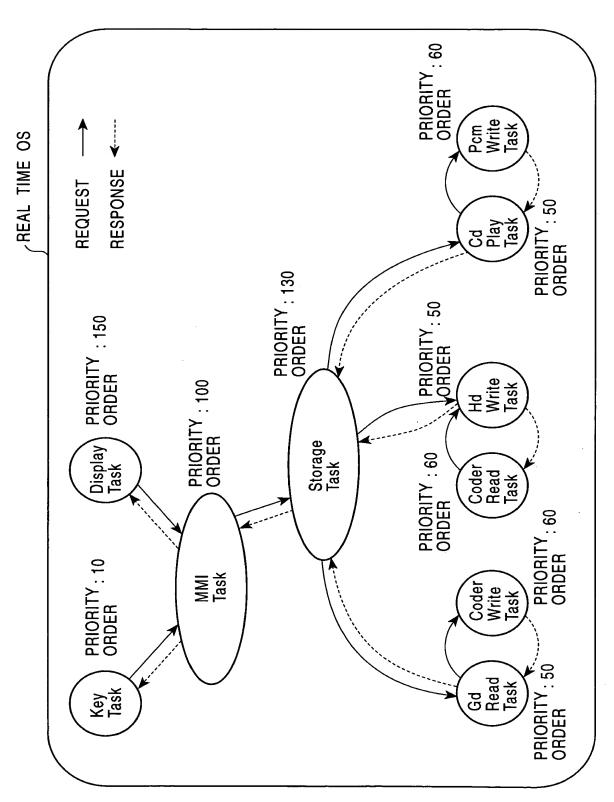
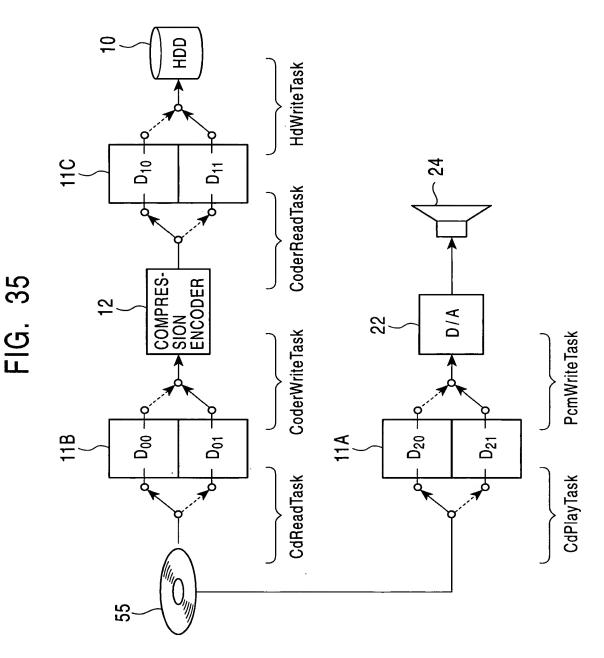


FIG. 34





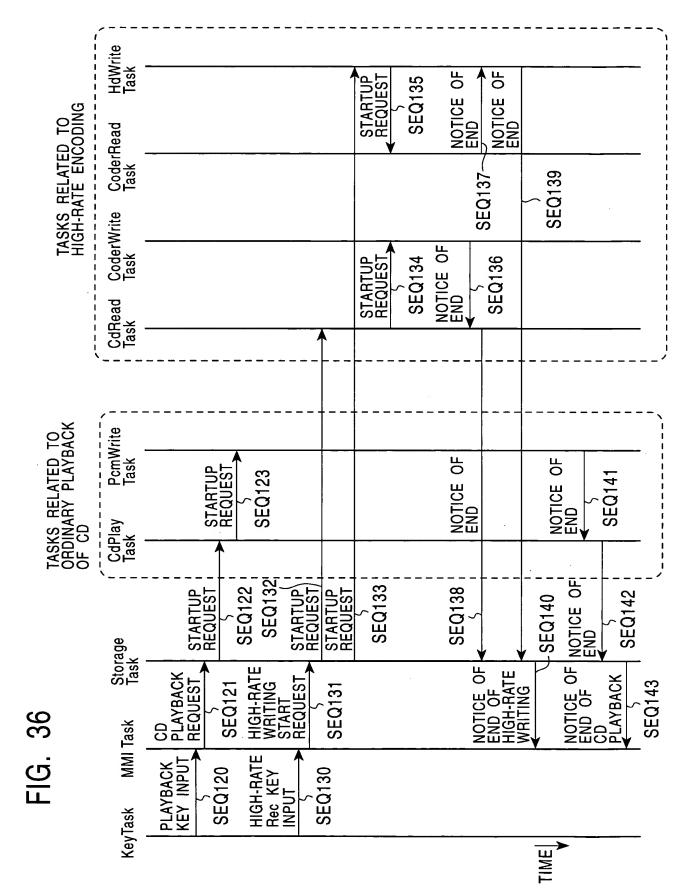


FIG. 37

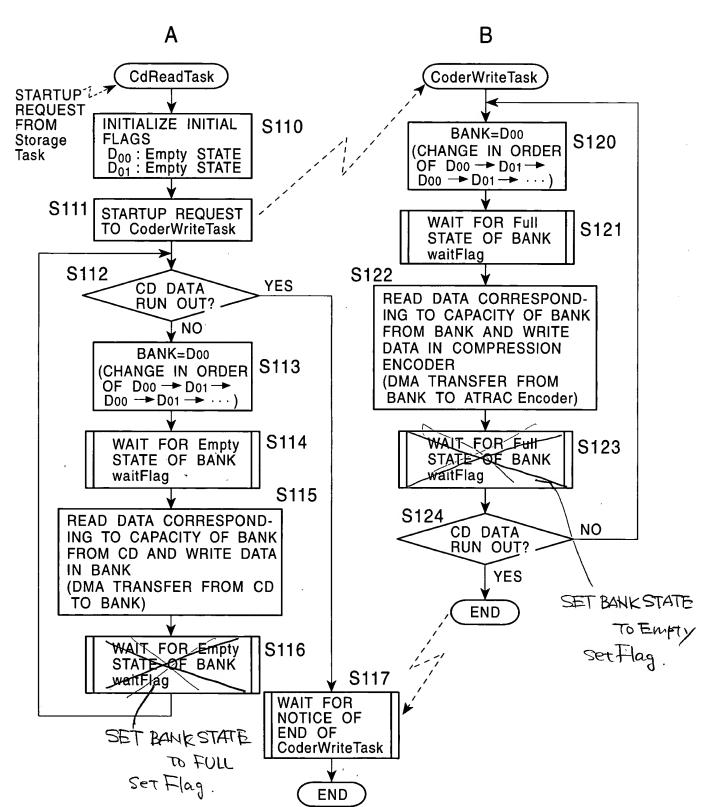


FIG. 38

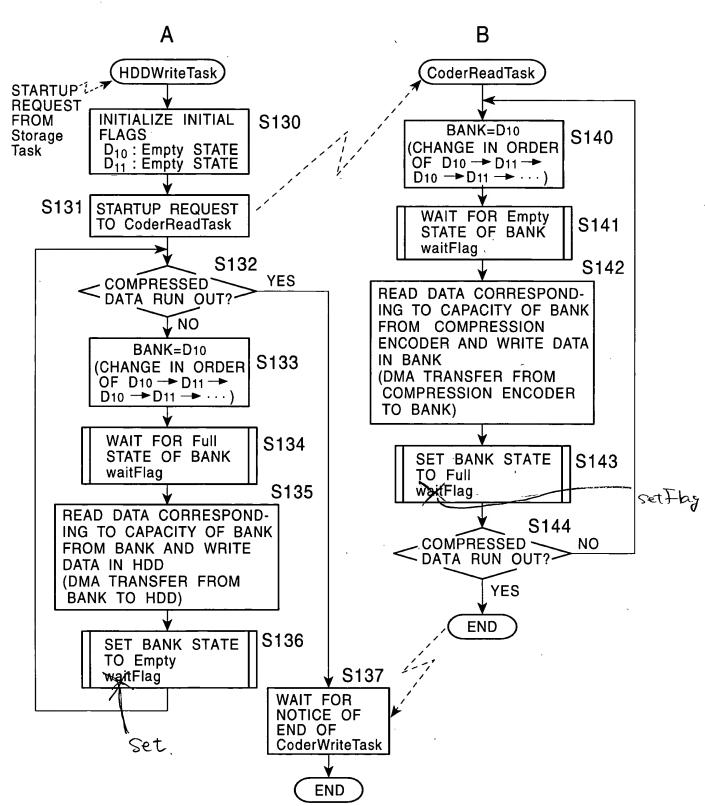
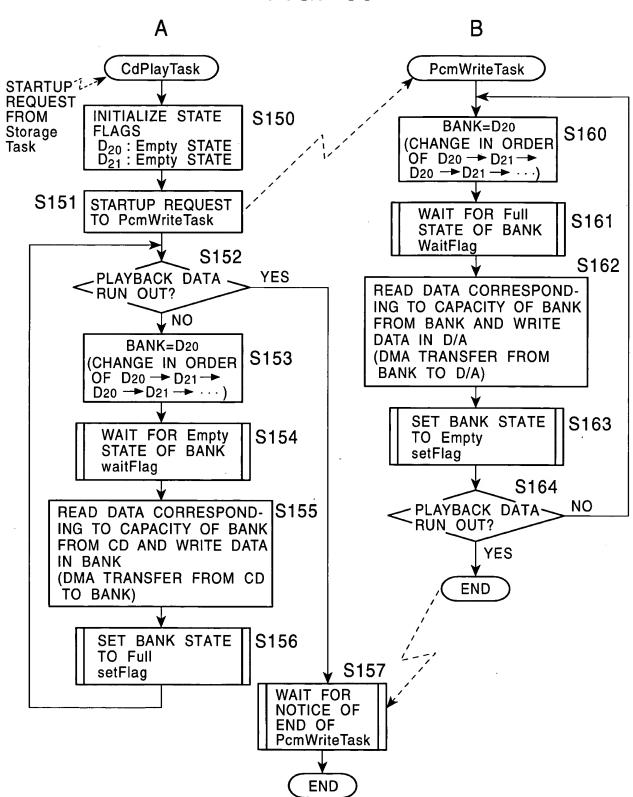


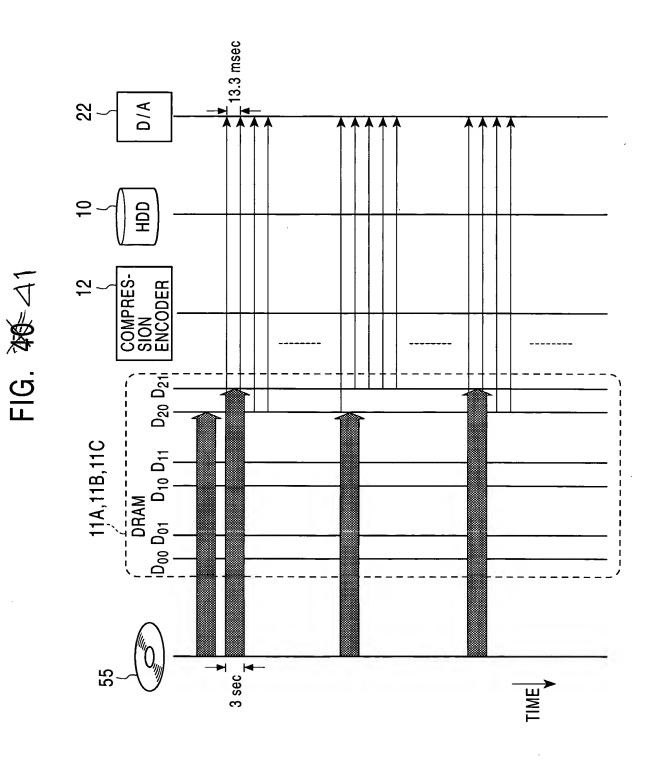
FIG. 39



22 HDD 32K BYTES -424 BYTES COMPRES-SION ENCODER FIG. ₩ 40 D<sub>20</sub> D<sub>21</sub> 11A,1. DRAM D00 D01 D10 D11 D. H 4096 | H 11A,11B,11C 2352 ¥ BYTES x54 ▲ 55 TIME

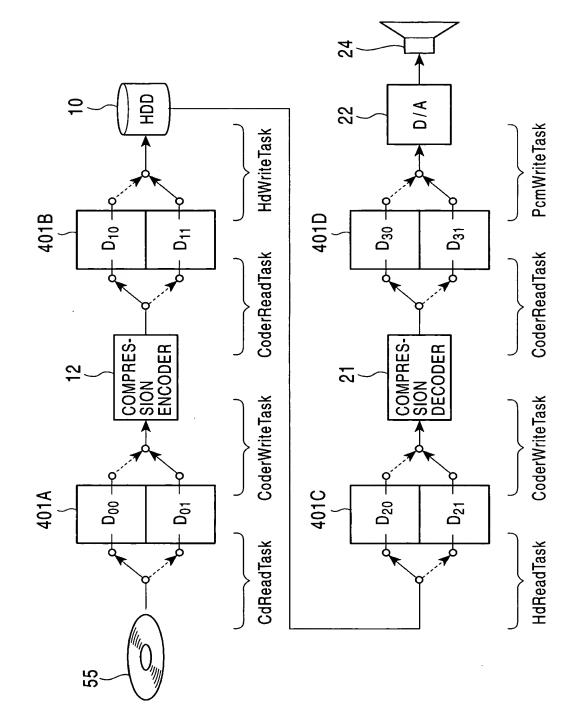
36 34/41

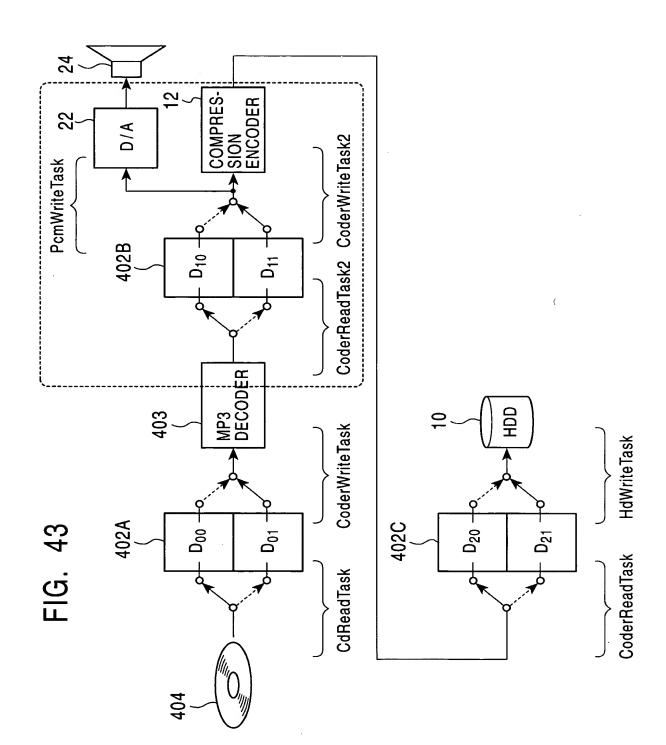
37 36/41

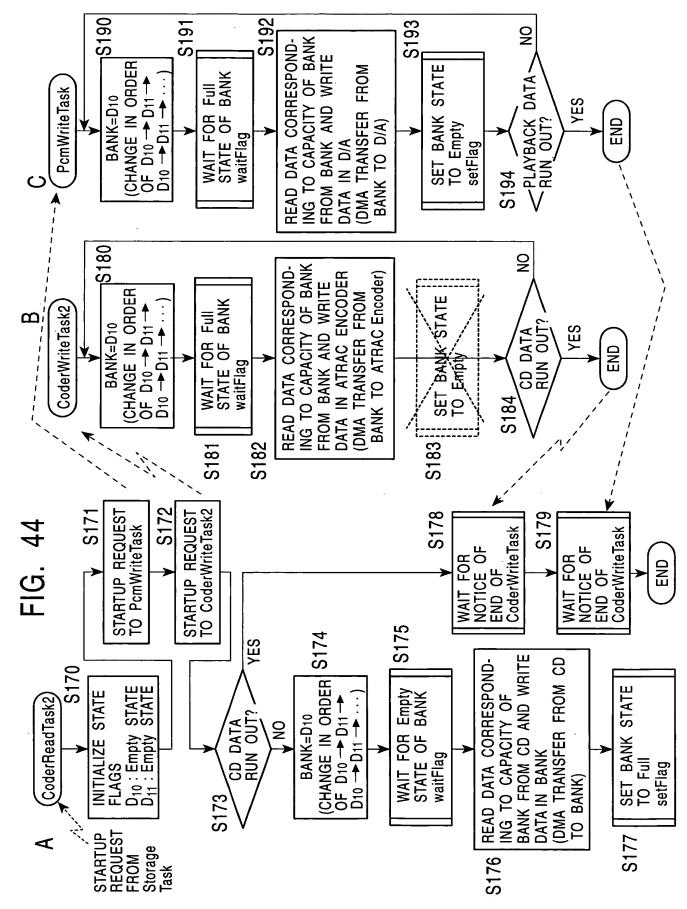


e,

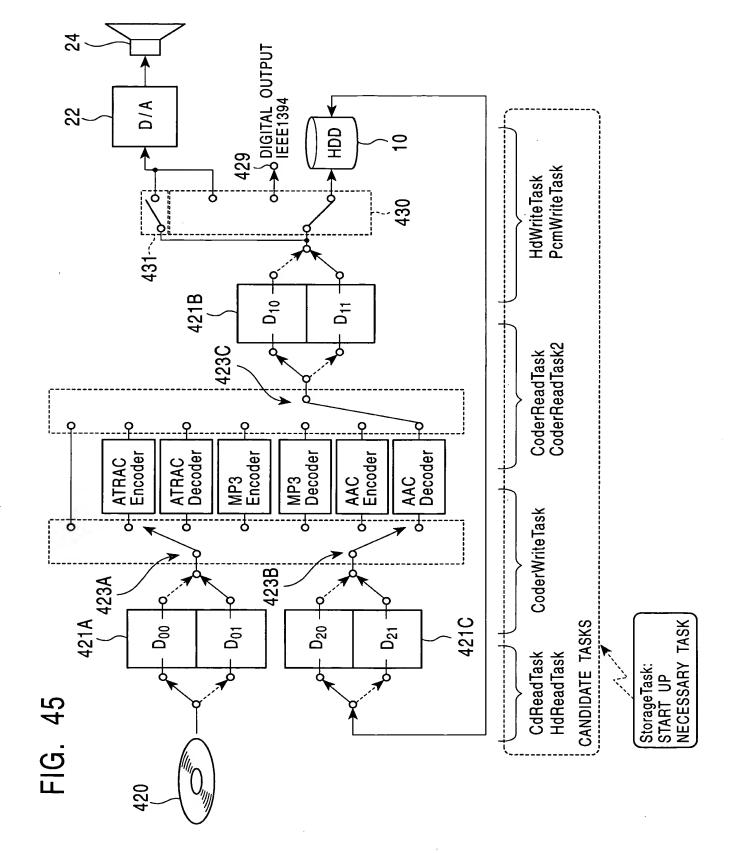
FIG. 42







DSSSSST ... ISSO



DEBSYSHE LOEVED